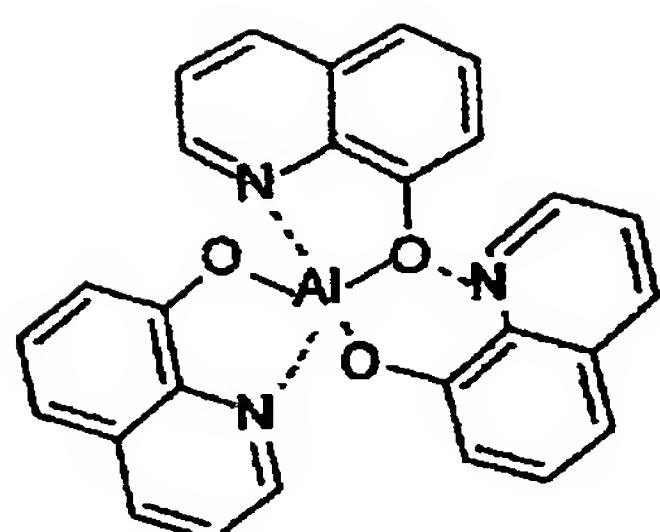
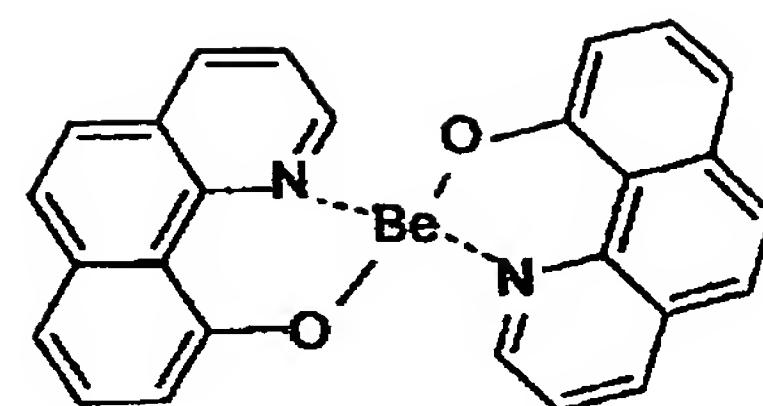


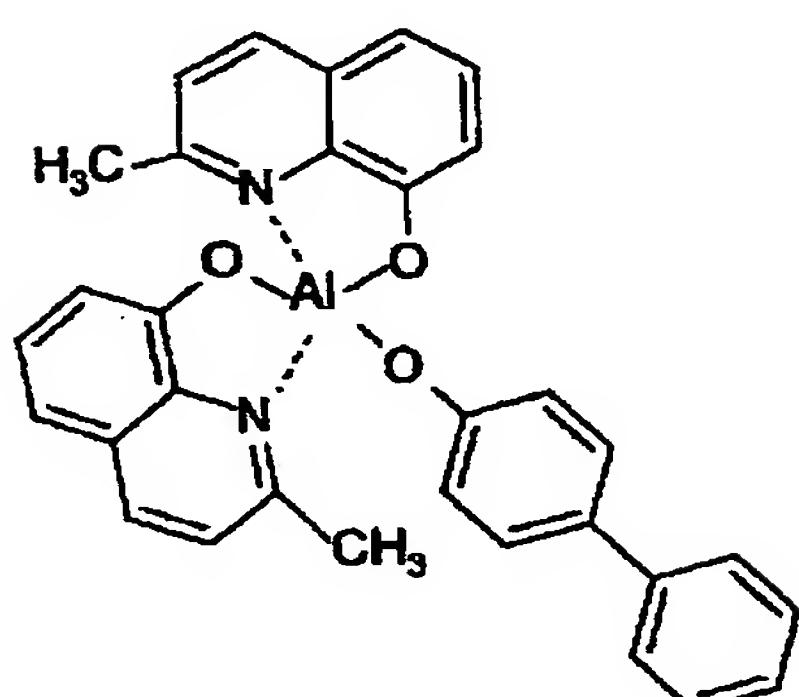
Fig. 1



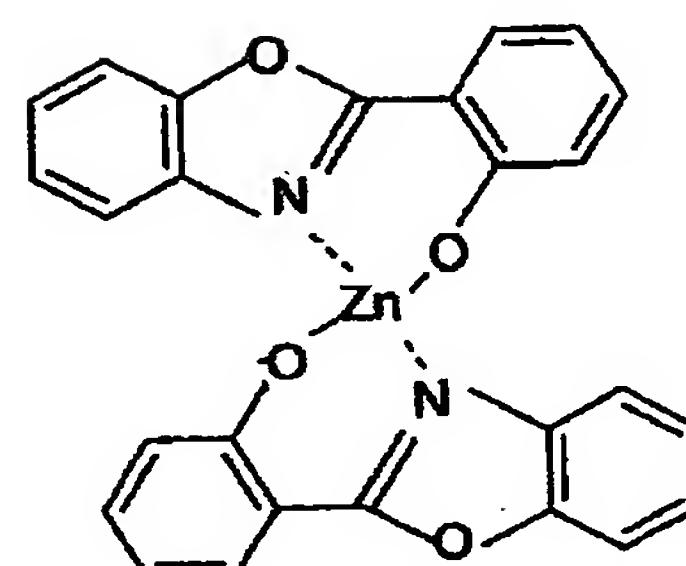
Alq



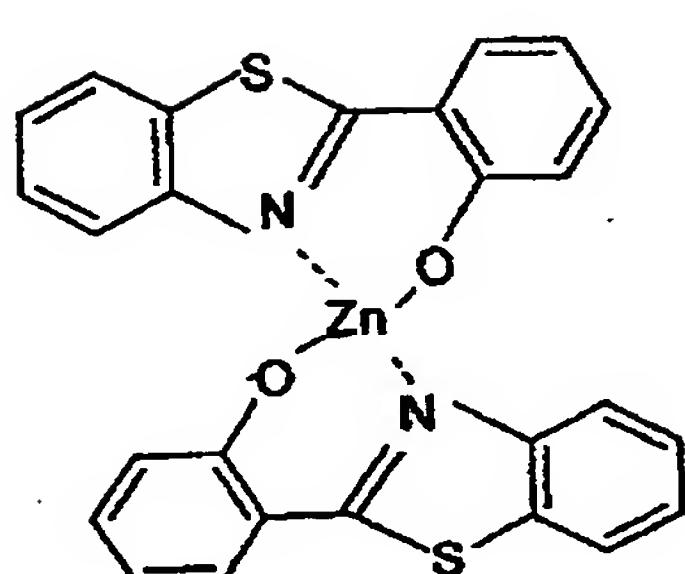
Bebq



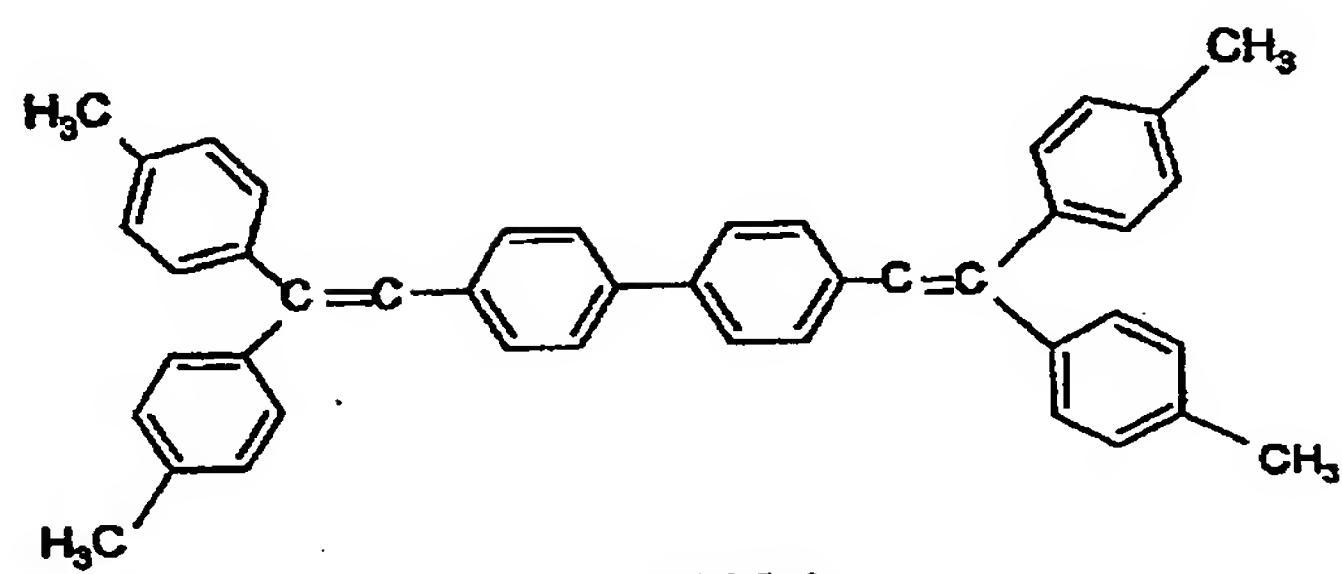
BAlq1



ZnPBO



ZnPBT



DTVb1

Fig. 2

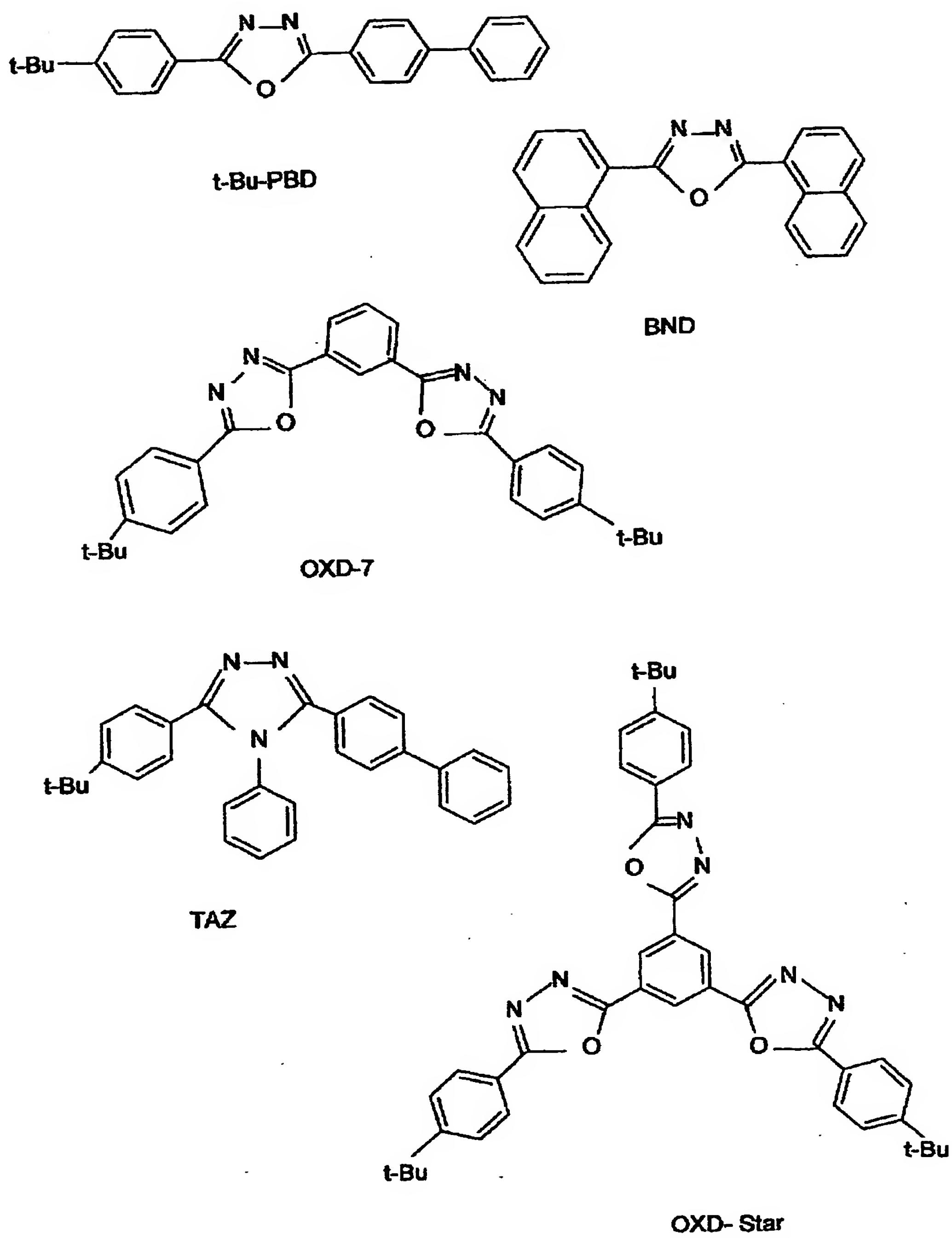


Fig. 3

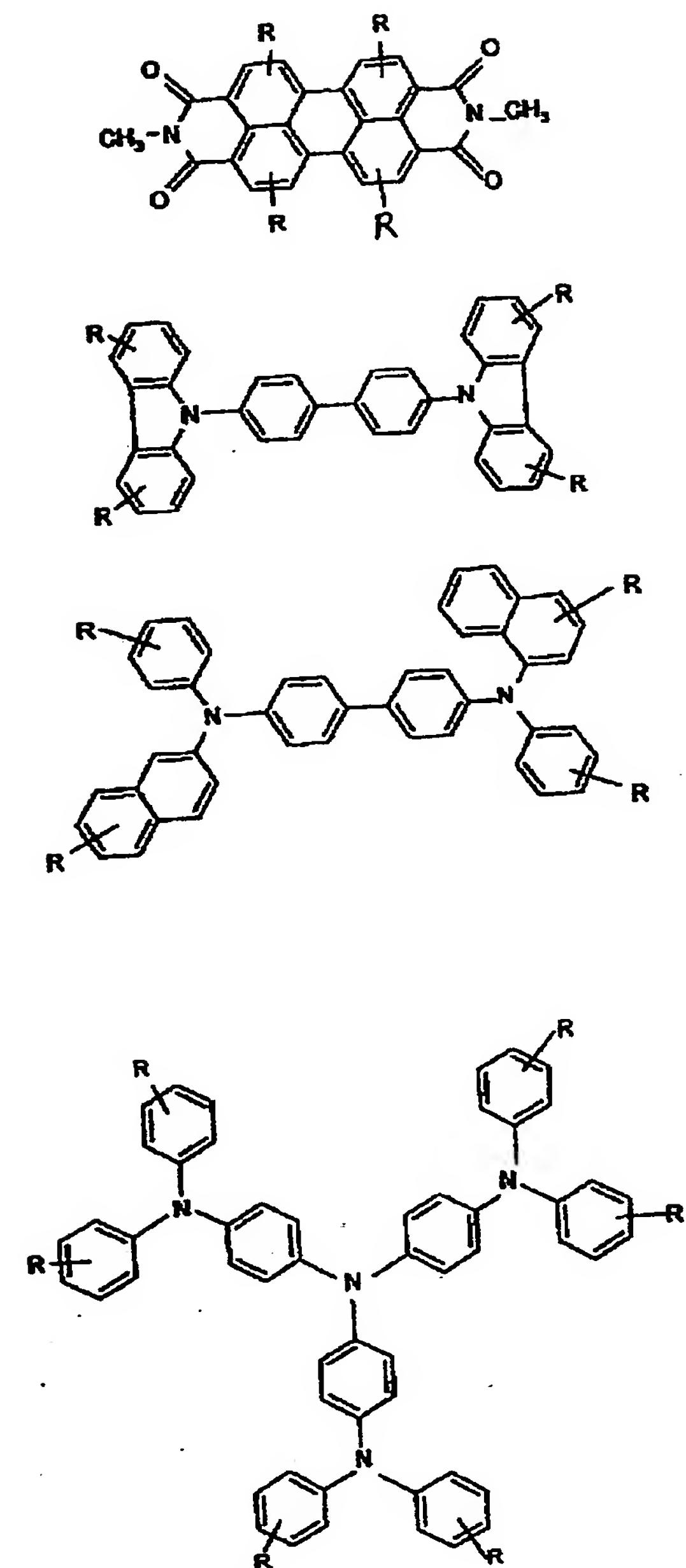


Fig. 4

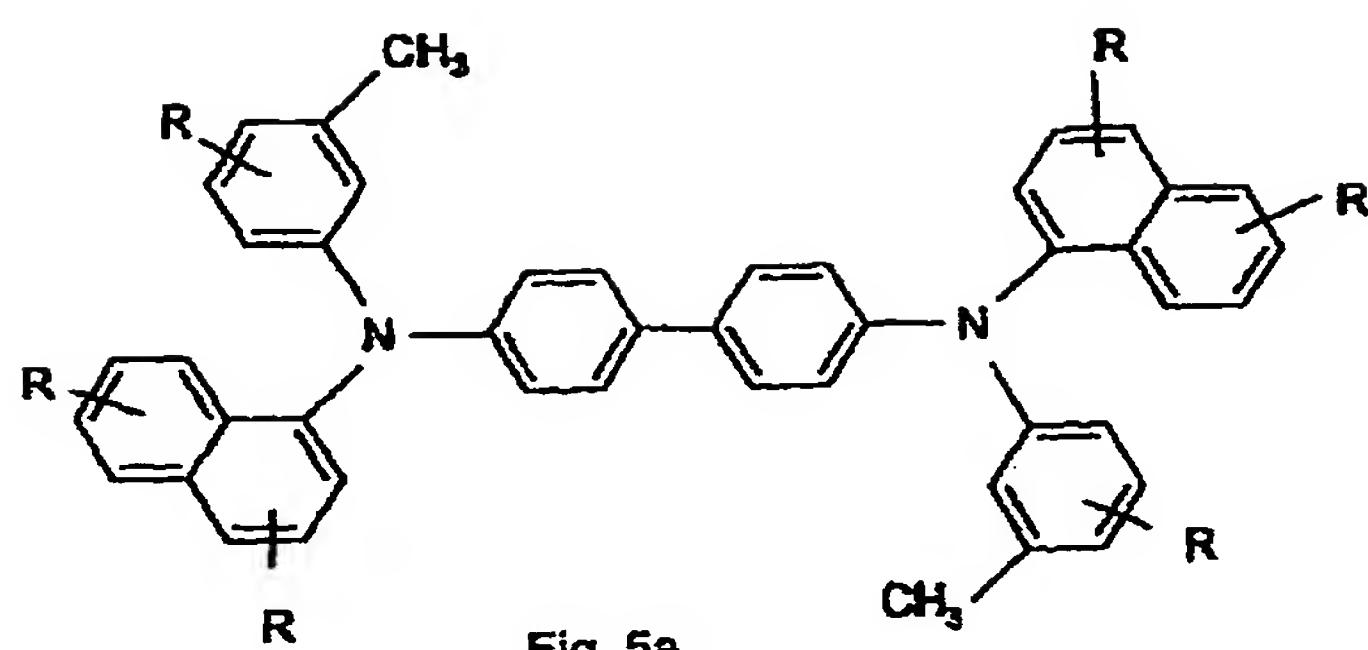


Fig. 5a

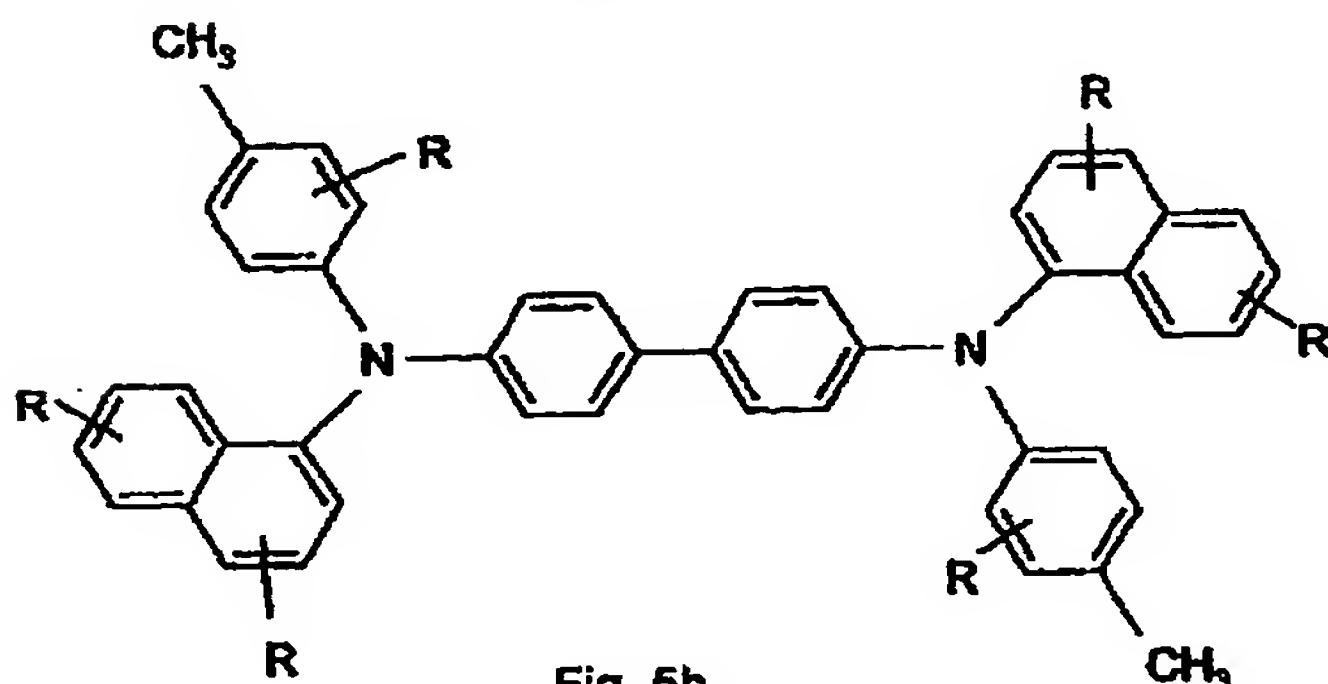


Fig. 5b

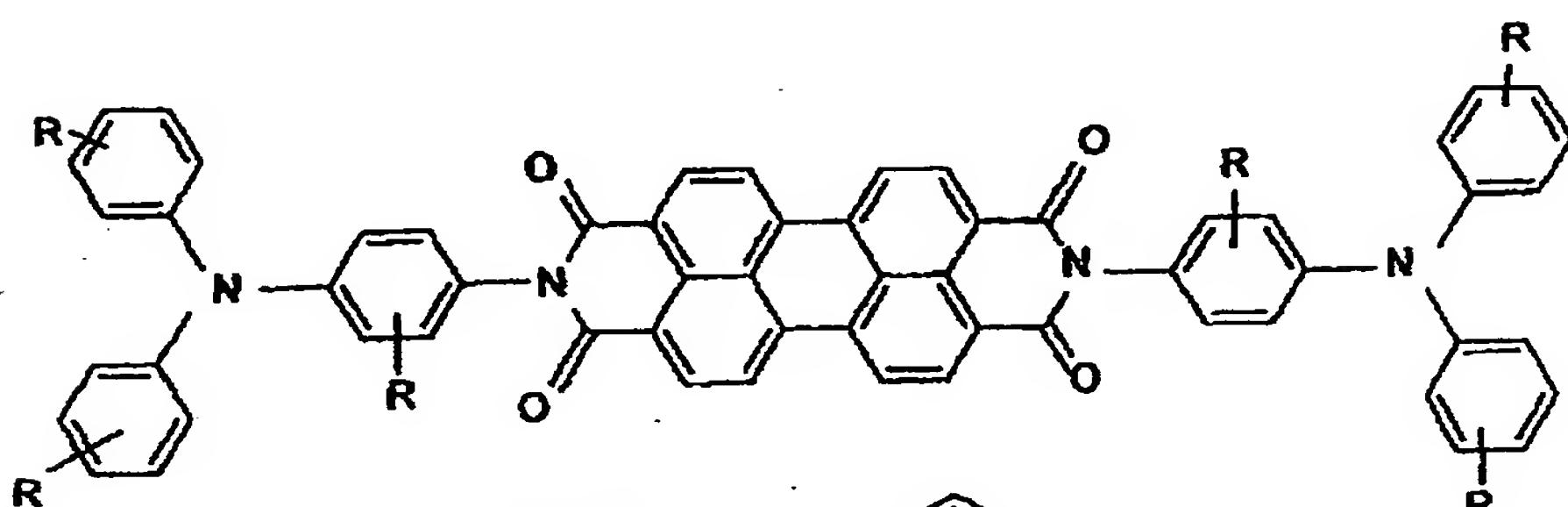


Fig. 5c

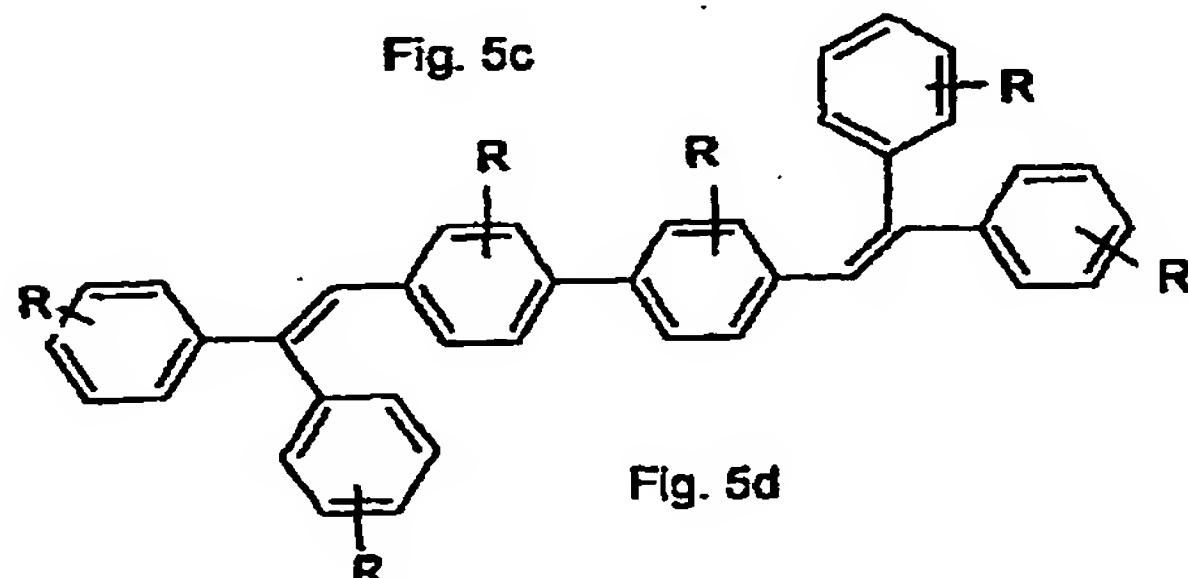


Fig. 5d

Fig. 5

6/10

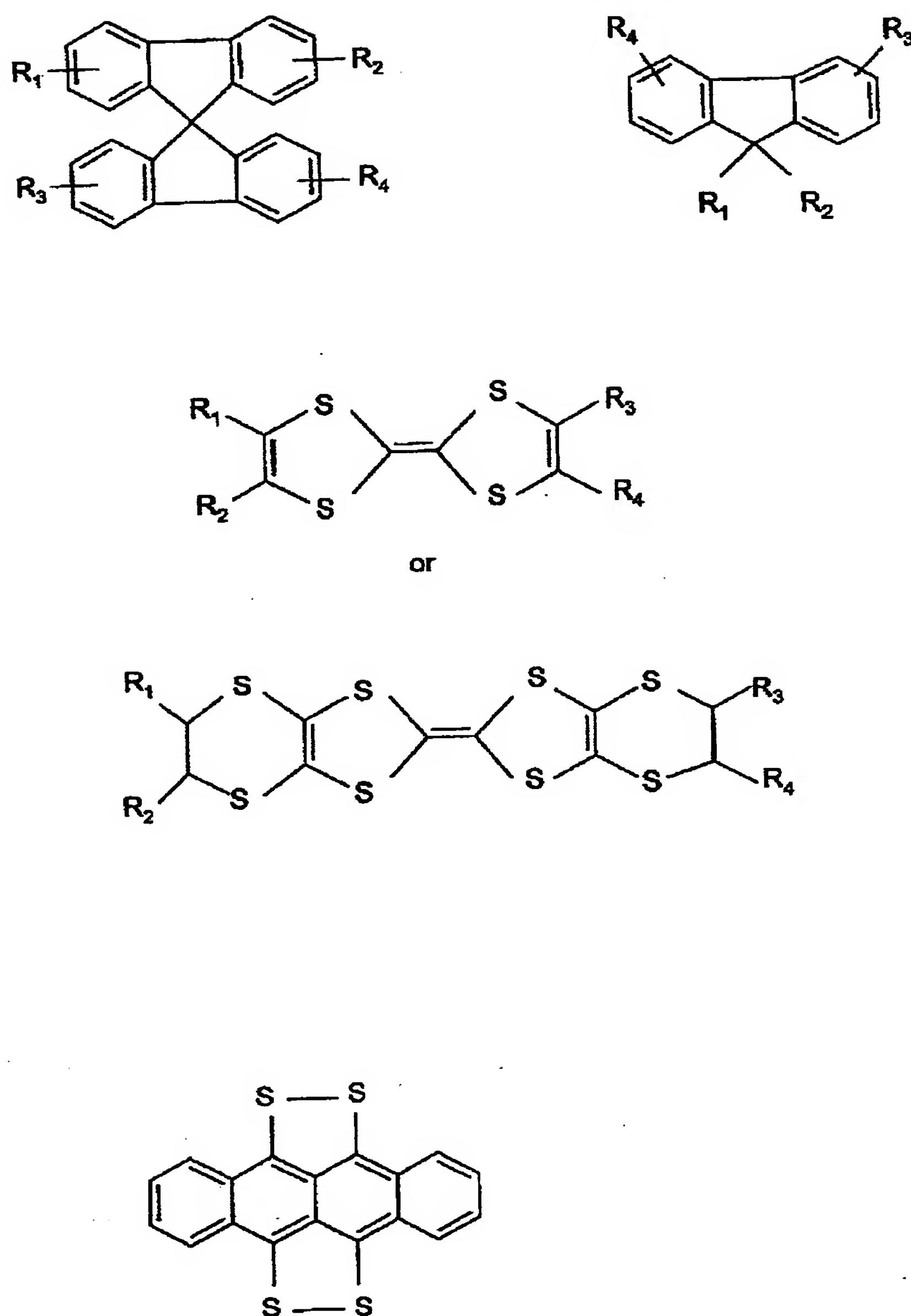


Fig. 6

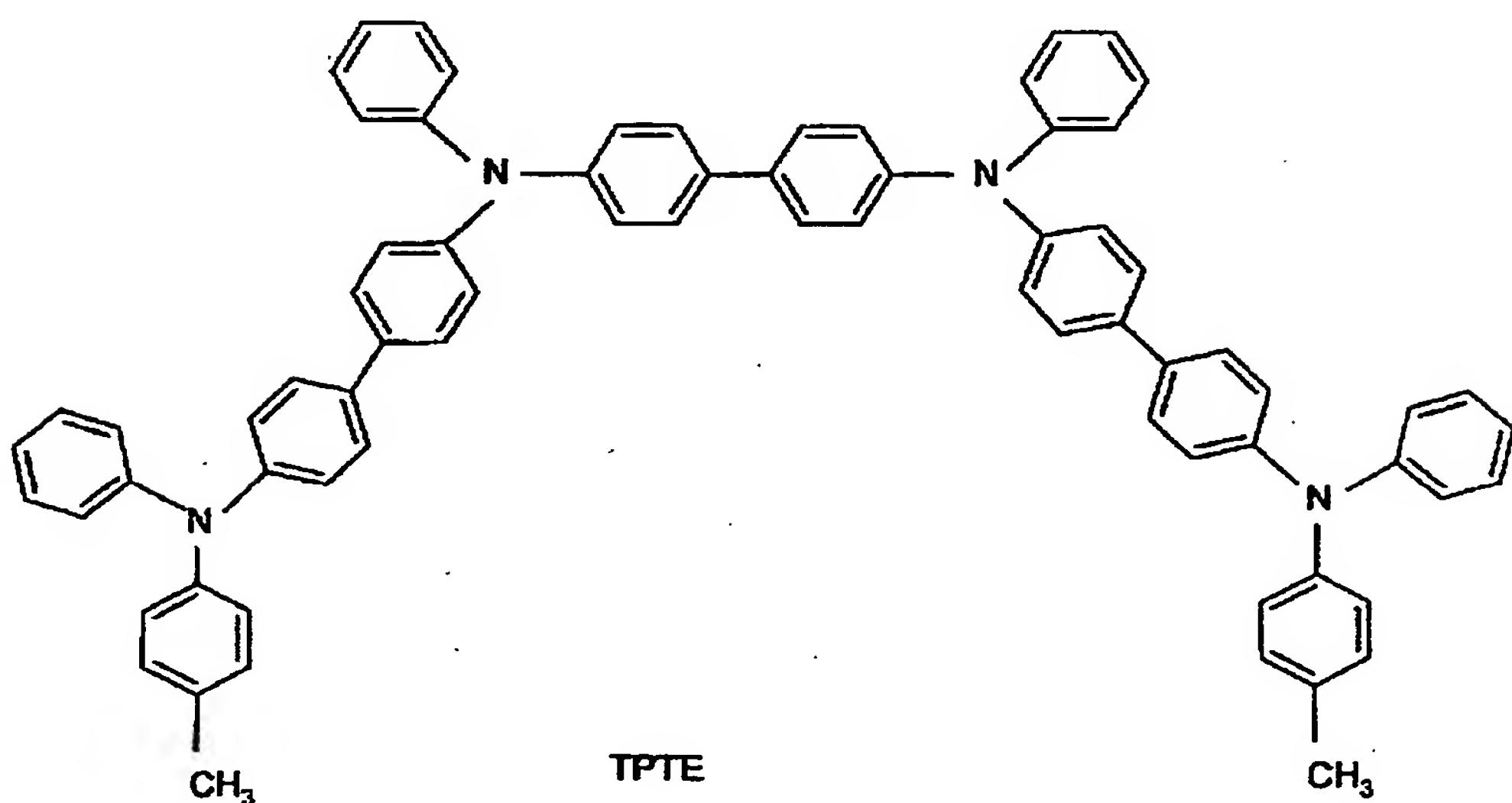
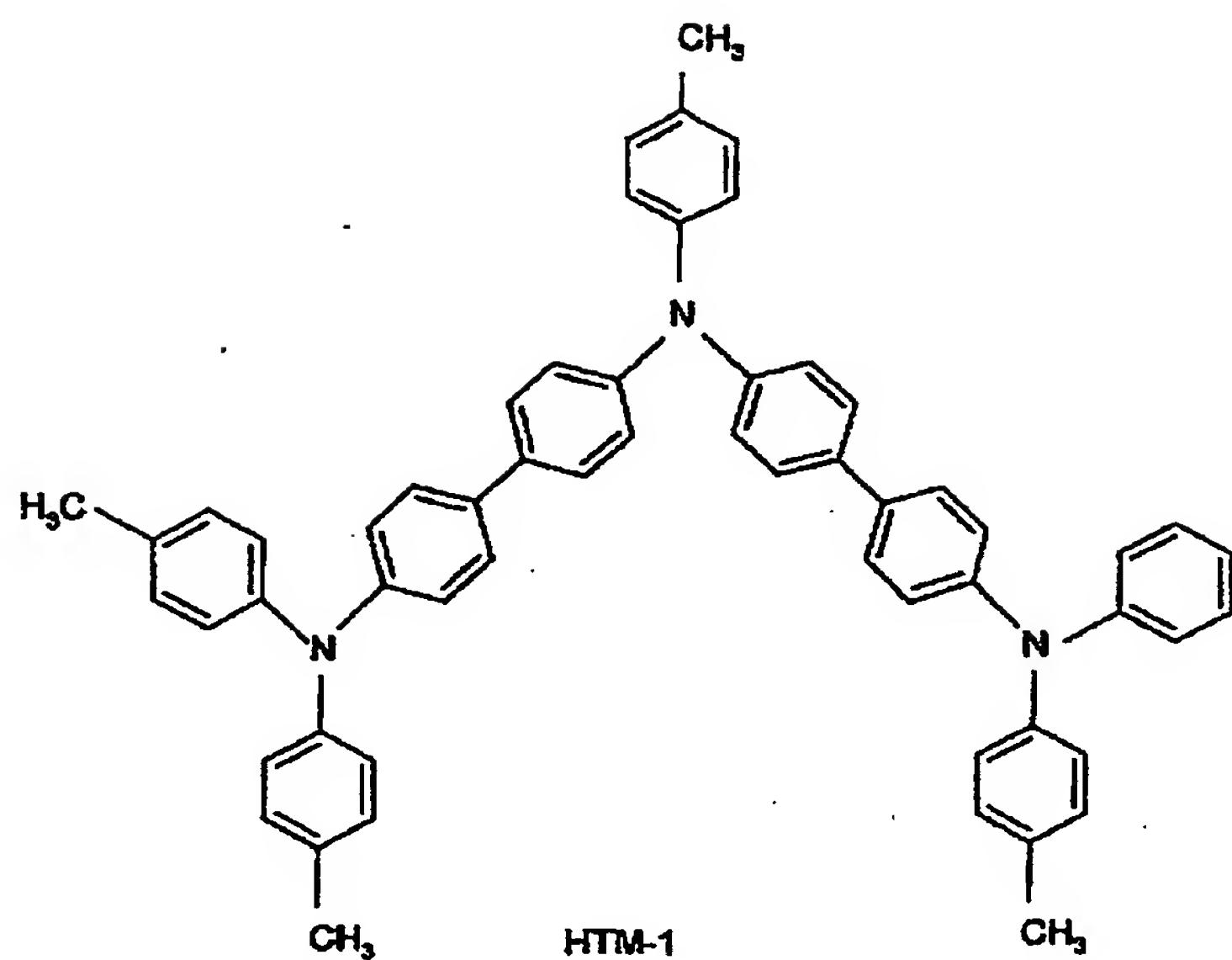
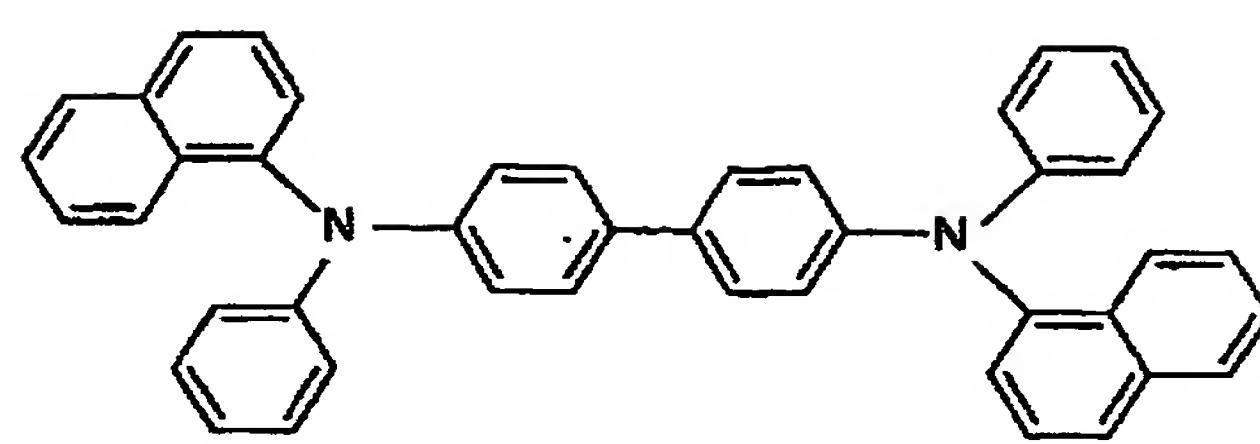
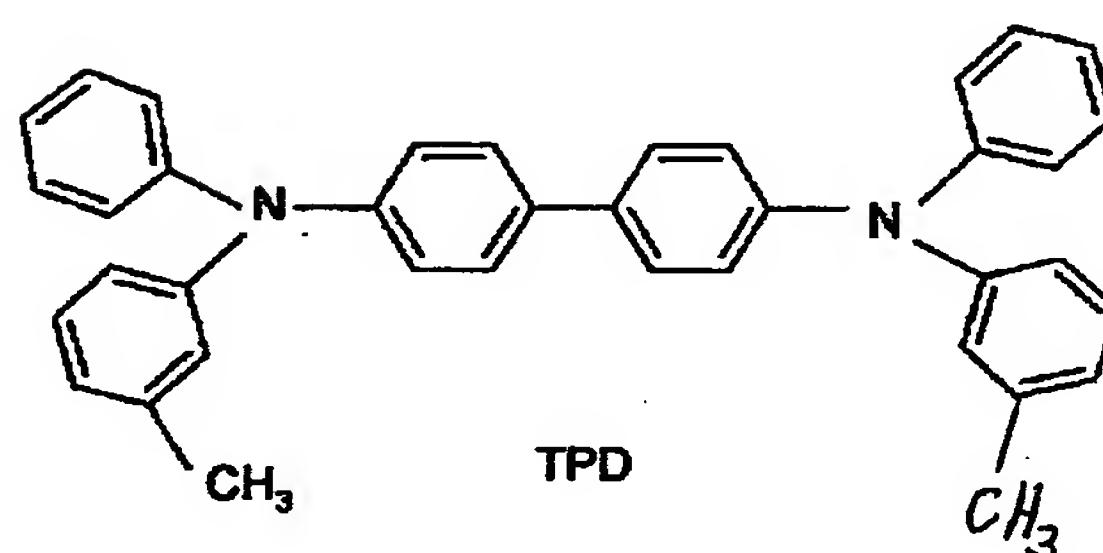


Fig. 7

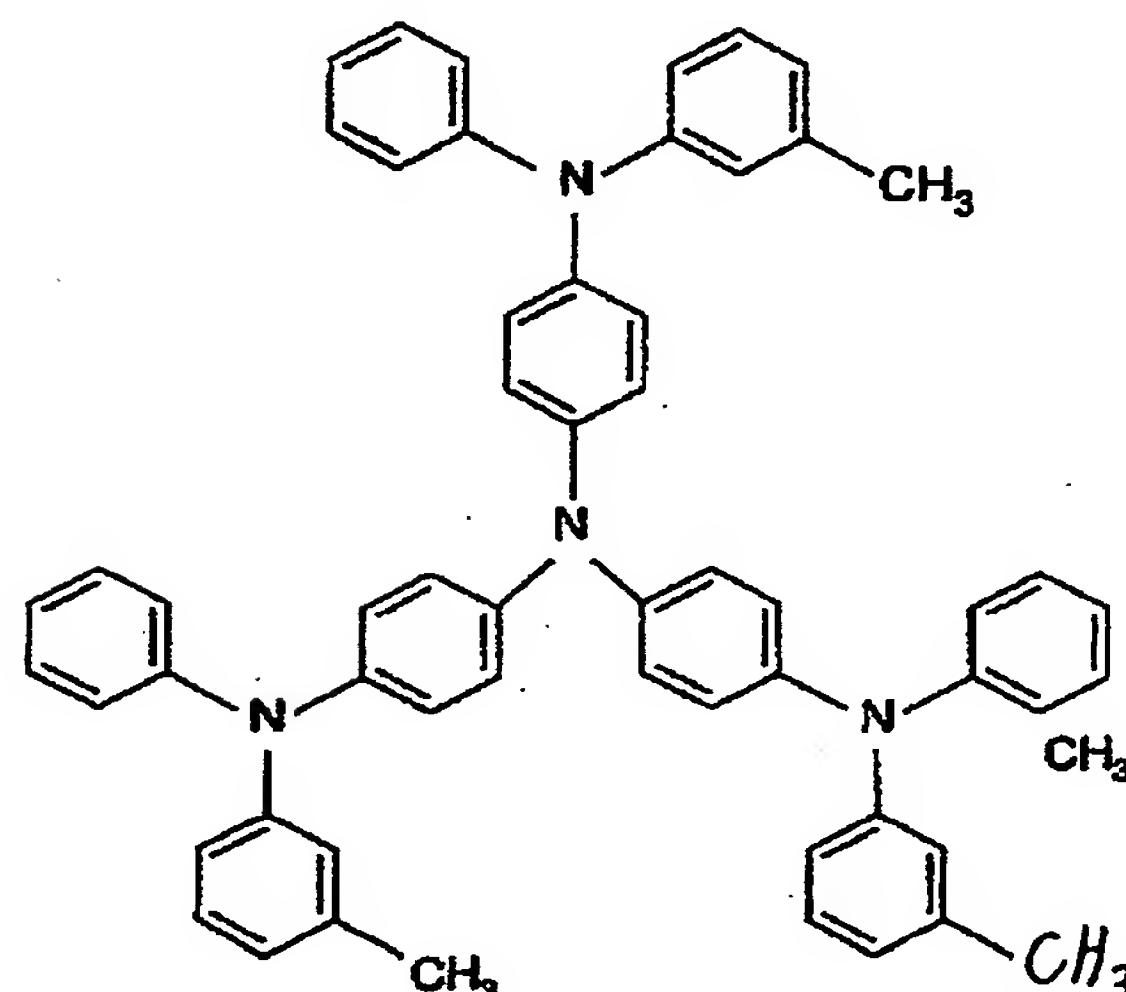
8/10



α -NPB



TPD



mTADATA

Fig. 8

9/10

ITO (165 nm)/CuPc (25 nm)/ α -NPB (40 nm)/CBP : Compound E (35 : 5 nm/Zr_q (30 nm)/LiF (0.5 nm)/Al

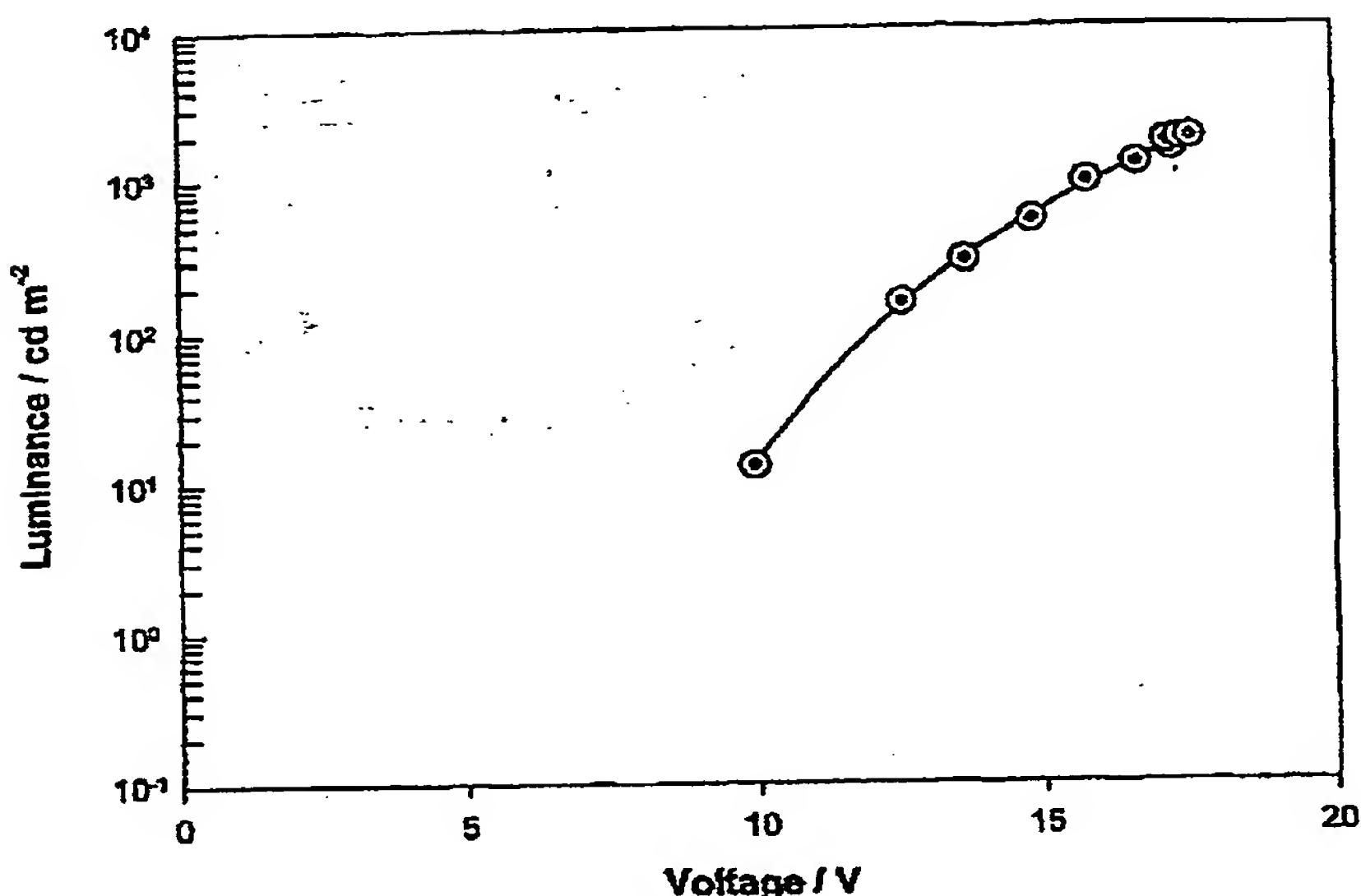


Fig. 9a

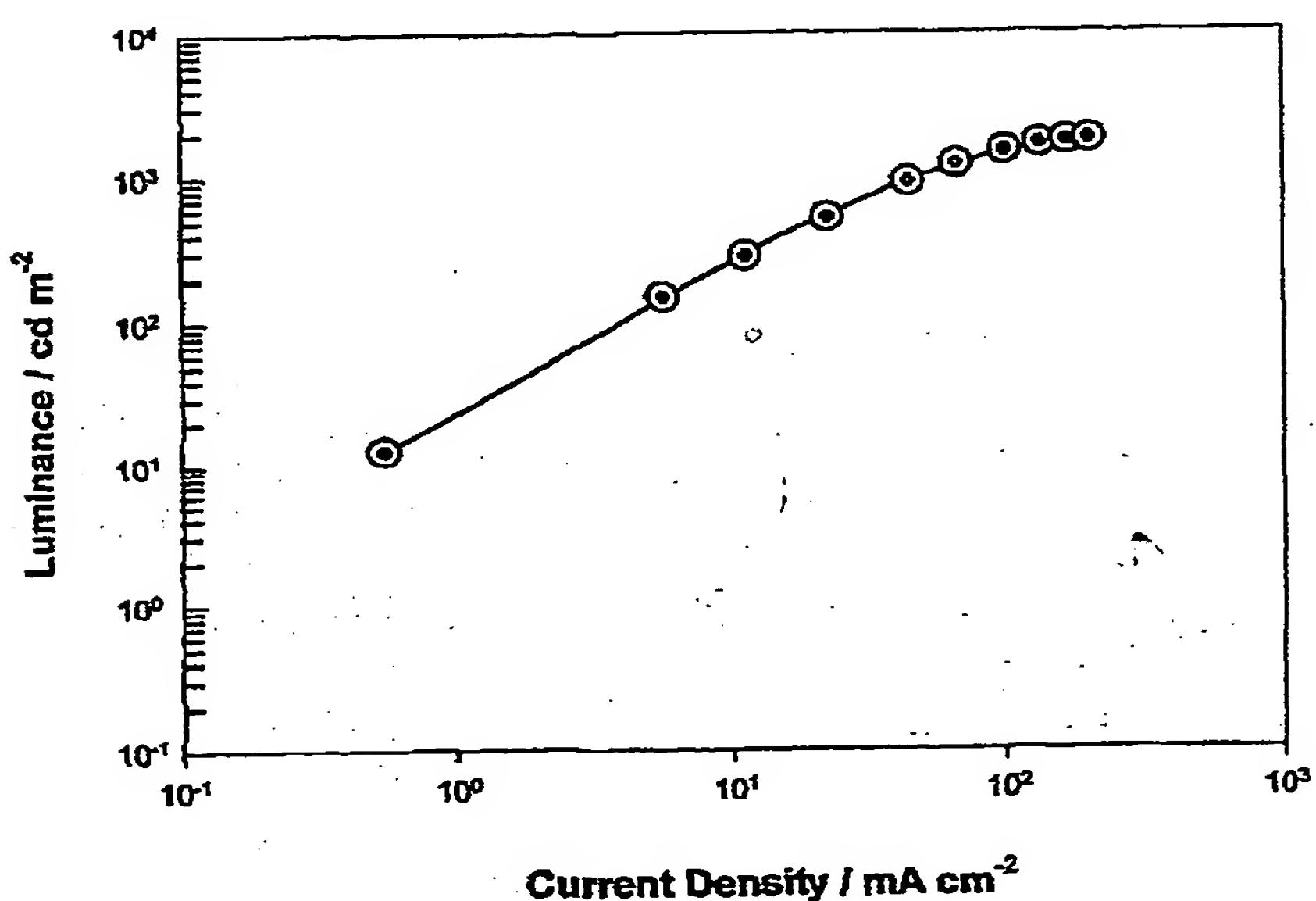


Fig. 9b

ITO (165 nm)/CuPc (25 nm)/ α -NPB (40 nm)/CBP : Compound E (35 : 5 nm/Zr q_4 (30 nm)/LiF (0.5 nm)/Al

